BRUHATH BANGALORE MAHANAGARA PALIKE

Yelahanka Division

Comparitive Statement

Providing and Fixing LED Lights at Yelahanka Division.

20,000,000.00

A.N Madhusudhan M/S Suraksha Electricals

17805758/-

1.00/

	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Remarks
		Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
al means in ordinary ontal throw upto 2 ito 0.5m, excavated eately dressed, the atly after breaking of n. MORTH / Chapter	Cum	453.81	201.00	91216.00	1225.00	567.26	201.00	114020.00	657.73	201.00	132205.00	1225.00	246225.00	155009.00	0.00	
aying in position plain with OPC cement @ size graded granite 0.89 cum and fine ndation mechanically and compacted by days including cost of machinery, curing, ring complete as per	Cum	63.14	5150.00	325171.00	107.19	78.93	5150.00	406464.00	28.26	5150.00	145554.00	107.19	552018.00	226847.00	0.00	
d with Soil taken from onstruction of Median rom Borrow Areas. nd above road level ed from borrowpits, as per Clause 400.7 MORTH Specification	Cum	336.00	210.00	70560.00	986.10	420.00	210.00	88200.00	566.10	210.00	118881.00	986.10	207081.00	136521.00	0.00	
olid cement concrete with top and bottom rely, 400mm high and M 1:3 plastering and ork, curing, including of machinery, loading lift, transportation	Nos	6222.00	410.00	2551020.00	4907.00	4907.00	410.00	2011870.00	0.00	410.00	0.00	4907.00	2011870.00	0.00	539150.00	
after filling the surface approved shades on with materials, labour ORTH Chapter 8	Sqm	980.00	80.00	78400.00	1017.45	1017.45	80.00	81396.00	0.00	80.00	0.00	1017.45	81396.00	2996.00	0.00	

	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		
		Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	
ion plain/reainforced or sub structure/ ent @ 320 kgs, 20 mm al coarse aggregate @ @ 0.46 cum machine 3ltrs confirming to IS s, well compacted and ver necessary with etc., including cost of e	Cum	128.52	5013.00	644271.00	125.58	125.58	5013.00	629512.00	0.00	5013.00	0.00	125.58	629512.00	0.00	14759.00	
steel reinforcement straightening, cutting, ition, lapping and / or ng with binding wire g memebrs wherever ign (laps, hooks and d and paid) cost of inery complete as per on No 1600 & 2200	Tn	4.48	68710.00	307821.00	4.40	4.40	68710.00	301991.00	0.00	68710.00	0.00	4.40	301991.00	0.00	5830.00	
ion of decorative bent th hot dip Galvanized Steel plate for shaft, IS pening arrangements, te sheet for MCBs as withstand the wind pole 9 mtrs. The pole ically bent either side. om 178 mm,at 9 mtrs one number of 3 mtr colour changing LED ucture. The base plate	Nos	94.00	92500.00	8695000.00	93.00	93.00	92500.00	8602500.00	0.00	92500.00	0.00	93.00	8602500.00	0.00	92500.00	
ire with pressure die for optimal thermal omprising of anti glare oulded polycarbonate ht output. Rated life Maintenance of 70%, e between 60 degrees 5 optical and electrical stance of complete 0.9 with mains, Surge Over voltage/Overload,	Nos	212.00	11875.00	2517500.00	208.00	208.00	11875.00	2470000.00	0.00	11875.00	0.00	208.00	2470000.00	0.00	47500.00	
XLPE or Heat resistant ner sheath armoured t-1) or IS-7098 Part-1, average +5% and per IS-3975 3.5 core	Mtrs	4600.00	185.00	851000.00	3296.00	3296.00	185.00	609760.00	0.00	185.00	0.00	3296.00	609760.00	0.00	241240.00	
XLPE or Heat resistant ner sheath armoured t-1) or IS-7098 Part-1, average +5% and per IS-3975 3.5 core	Mtrs	700.00	227.25	159075.00	388.00	388.00	227.25	88173.00	0.00	227.25	0.00	388.00	88173.00	0.00	70902.00	

rork	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Re
		Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	
for laying of 1.1 KV class UG cable in GI pipe / stoneware pipe / on wall / on f In existing trench/duct. 25 sqmm to 75	Mtrs	5300.00	15.66	82972.00	3684.00	3684.00	15.66	57673.00	0.00	15.66	0.00	3684.00	57673.00	0.00	25299.00	
h of 0.6m deep x 0.50 mtr wide refilling the required ground level and c.,complete.(As per Civil SR KSRB I-2, P-	Mtrs	3600.00	76.76	276336.00	2100.00	2100.00	76.76	161196.00	0.00	76.76	0.00	2100.00	161196.00	0.00	115140.00	
of 0.6m deep x 0.50 mtr wide refilling the required ground level and ,complete.(As per Civil SR KSRB I-2, P-	Mtrs	200.00	114.13	22826.00	0.00	0.00	114.13	0.00	0.00	114.13	0.00	0.00	0.00	0.00	22826.00	
g/power circuit using one of FRLS PVC grade, multistrand copper wire with resistance single core in open or m of wiring with specified IS-	Mtrs	4000.00	15.00	60000.00	6486.00	5000.00	15.00	75000.00	1486.00	15.00	22290.00	6486.00	97290.00	37290.00	0.00	
ng of class A (medium duty) GI pipe of less than .25mm on pole/wall/drain ssary clamping arrangements for UG nm	Mtrs	30.00	340.00	10200.00	30.00	30.00	340.00	10200.00	0.00	340.00	0.00	30.00	10200.00	0.00	0.00	
g L.T. cast Iron pot heads suitable UG cable filled with necessary compound complete with olts, nuts and washers etc.35Sqmm	Nos	10.00	330.00	3300.00	6.00	6.00	330.00	1980.00	0.00	330.00	0.00	6.00	1980.00	0.00	1320.00	
pper lugs and crimping and wiring for wire of the following sizes.25	Nos	600.00	18.00	10800.00	600.00	600.00	18.00	10800.00	0.00	18.00	0.00	600.00	10800.00	0.00	0.00	
nd wiring earth electrode for transformers, DG sets etc. using nick 2.5 mtr long GI pipe with GI f suitable size reducer fixed on the electrode.The funnel should be mber of 400x400x400mm with a he earth electrode shall have	Nos	8.00	4200.00	33600.00	12.00	10.00	4200.00	42000.00	2.00	4200.00	8400.00	12.00	50400.00	16800.00	0.00	
ning of GI/Copper strips for s, using necessary fixing materials mm Copper plate	Nos	8.00	7450.00	59600.00	12.00	10.00	7450.00	74500.00	2.00	7450.00	14900.00	12.00	89400.00	29800.00	0.00	
ngle iron frame work fabricated n.. and M.S. flat ... with bolts, ed with 2 coats of red oxide and oved paint.40x40x6mm	Mtrs	70.00	257.55	18029.00	37.20	37.20	257.55	9581.00	0.00	257.55	0.00	37.20	9581.00	0.00	8448.00	

Work	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference	
		Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings
2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19
pplying and mounting MS box made out for floor / wall mounting, fully weather provision for better heat dissipation, h hinged front cover, equipped with locking arrangements, with suitable size ecessary cable entry pipe with gland and e finished with 7tanks treatment with d paint and finally finished with approved mplete16SWG	Sqmm	240000.00	0.35	84840.00	521316.00	300000.00	0.35	106050.00	221316.00	0.35	78235.00	521316.00	184285.00	99445.00	0.00
d fixing Moulded Case Circuit Breaker the existing wood/panel board using crews,bolts, nuts, necessary phase ndle and wiring complete. Protection of nd Short circuit with thermal ro processor release and Earth Fault as Icu = Ics)100Amps 25kA.	Nos	5.00	6900.00	34500.00	6.00	6.00	6900.00	41400.00	0.00	6900.00	0.00	6.00	41400.00	6900.00	0.00
/metal halide / SVL / IL / LED floodlight isting pole / wall ceiling including clamps, d wiring using suitable capacity wires.	Nos	212.00	176.75	37471.00	208.00	208.00	176.75	36764.00	0.00	176.75	0.00	208.00	36764.00	0.00	707.00
d running of GI/Copper strips for nections, using necessary fixing materials x3mm Copper strip	Mtrs	250.00	500.00	125000.00	245.00	245.00	500.00	122500.00	0.00	500.00	0.00	245.00	122500.00	0.00	2500.00
xing of retrofit type - LED bulb.....W with iffuser comprising of LED source with CCT K, CRI> 70%. efficacy >80 lumen per 00 burning hours and Compliance to IS 98, LM 79 & LM 80. The LED are driven	Nos	94.00	270.00	25380.00	93.00	93.00	270.00	25110.00	0.00	270.00	0.00	93.00	25110.00	0.00	270.00
ixing of Porcelain fuse channel with cut ng wooden/panel using necessary nuts, ners.63Amps	Nos	24.00	230.00	5520.00	24.00	24.00	230.00	5520.00	0.00	230.00	0.00	24.00	5520.00	0.00	0.00
ntrol and and monitorable smart street y using web or mobile application .smart n has hardware ruggedness over field cross, line short, lighting and any other in voltage. It has some features like ghting management.2.Precise lighting ballancing.4.Load power tatus tracking. It works on the basis of of these features trol Unit (Mother board) : Handles data handling and other communication 2) n unit: GSM/GPRS quad bandwith RS232 less communication unit 3) Gate Driver ngle controllable board for driving the witching Thyristor: SCR 110 AMPS dual	Nos	8.00	55000.00	440000.00	6.00	6.00	55000.00	330000.00	0.00	55000.00	0.00	6.00	330000.00	0.00	110000.00
Cables by trenchless technology by izontal boring & Drawing of cable aration at site With HDPE Pipe i) Normal	Mtrs	205.00	899.27	184350.00	356.00	256.25	899.27	230438.00	99.75	899.27	89702.00	356.00	320140.00	135790.00	0.00
				17805758.00				16744611.00			610183.00		17354794.00	847398.00	1298391.00

	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference		Remarks
		Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings	
2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19	20
tling of existing structures taining walls and other asonry, cement concrete, luding T&P and scaffolding g the dismantled material, material and stacking the all lifts complete as per	Cum								136.40	500.96	68328.44	136.40	68328.44	68328.44		
erb Stones.	Mtrs								830.00	105.99	87971.20	830.00	87971.20	87971.20		
or pipeline trenches and stuff as directed including etc., in the Asphalt surface ials, labour, HOM complete	Cum								114.02	480.70	54808.38	114.02	54808.38	54808.38		
d laying in position plain) with OPC @ 300kgs, with ded granite metal coarse ine aggregtes @ 0.43cum, id in layers not exceeding ted, in foundation, plinth ll materials, labour, HOM fications.	Cum								41.99	5704.16	239540.36	41.99	239540.36	239540.36		
ing off													17805415.39	1298046.39	1298391.00	
				17805758.00									342.56	342.56		
													17805758.00	1298388.95	1298391.00	

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Assistant Engineer

Asst. Executive Engineer

Assistant Executive Engineer (Ele)
BBMP, Bangalore

Executive Engineer

Executive Engineer
Electrical Division
Yelahanka Zone BBMP
Bvatarayanapura, Bangalore-92